# HVL-HFL1

# SERVICE MANUAL

**Ver 1.0 2004. 12**

*HVL-HFL1*

*US Model*
*Canadian Model*
*AEP Model*
*Chinese Model*

## SPECIFICATIONS

| | |
|---|---|
| Power requirements | 7.2 V DC |
| Power consumption | Approx. 3.5 W |
| **Video light segment** | |
| Lamp | 6 V DC/3 W |
| Maximum luminous intensity | Approx. 100 cd |
| Lighting direction | Horizontal |
| Lighting angle | Approx. 15 degrees |

Continuous lighting time (when not using the flash)

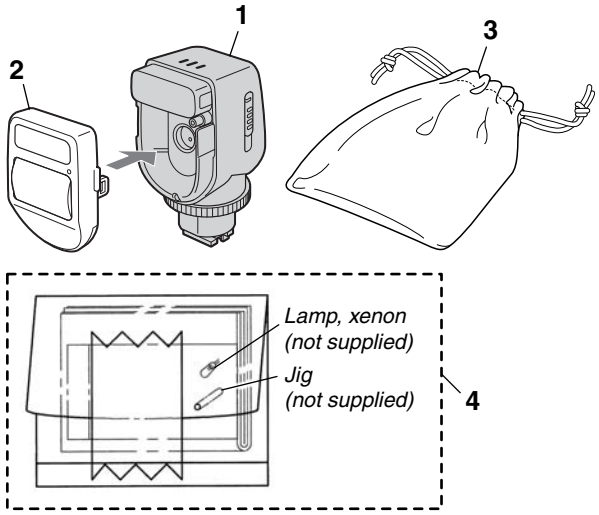
| | Lighting duration |
|---|---|
| **Type of battery pack** | **Used with camcorder (DCR-HC90)*** |
| **NP-FA50** | 35 (30) |
| **NP-FA70** | 70 (60) |

(Approx. minutes using fully-charged battery pack)
* When used with the LCD panel closed. Duration with the LCD panel open is shown in parentheses.

| | |
|---|---|
| Illumination range | Approx. 1 m (3 1/4 ft) : 100 lux,<br>Approx. 2 m (6 1/2 ft) : 25 lux,<br>Approx. 3 m (9 3/4 ft) : 11 lux |
| Color temperature | Approx. 3,000 K |
| Average life of lamp | Approx. 100 hours |
| **Video flash segment** | |
| Flash life | Approx. 1,500 times |
| Guide no. | equivalent to approx. 10 |
| **Others** | |
| Dimensions | Approx. 31.5 × 62.5 × 47 mm<br>(1 1/4 × 2 1/2 × 1 7/8 inches) (w/h/d) |
| Mass | Approx. 52 g (1.9 oz) |
| Included items | Video flash light (1)<br>Pouch (1)<br>Set of printed documentation |

Design and specifications are subject to change without notice.

## EXPLODED VIEWS




| Ref. No. | Part No. | Description |
|---|---|---|
| 1 | A-1092-035-A | MAIN ASSY |
| 2 | A-1092-038-A | FRONT ASSY |
| 3 | 3-082-390-01 | POUCH |
| 4 | A-1099-823-A | LAMP (SERVICE USE), XENON |
| | 2-549-526-01 | MANUAL, INSTRUCTION (JAPANESE/ENGLISH/ FRENCH/SPANISH/SIMPLIEIED CHINESE) |
| | 2-549-526-11 | MANUAL, INSTRUCTION (GERMAN/ITALIAN/ DUTCH/TRADITIONAL CHINESE/KOREAN)(AEP) |
| | 2-549-526-21 | MANUAL, INSTRUCTION (PORTUGUESE/ SWEDISH/RUSSIAN/ARABIC)(AEP) |

## VIDEO FLASH LIGHT

SONY®



Sony EMCS Co.


2004L1600-1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# Revision History

| Ver. | Date | History | Contents | S.M. Rev. issued |
|---|---|---|---|---|
| 1.0 | 2004.12 | Official Release | — | — |